BRUHAT BANGALORE MAHANAGARA PALIKE

COMPERATIVE STATEMENT

Name of Work: Impovements to Roads and Drains at Munibyrappa Layout Chamundeshwari Temple and Surrounding areas in Ward No. 09 (Vidyaranyapura).

Name of Agency: Sri R.S Thyagaraj, # 15, Ramachandrapura, Jalahalli (P), Bangalore - 13.

Estimated Cost: Rs. 40,00,000.00

Approved Amount : Rs. 35,29,942.81

Work Order No. BBMP/EE/BTP/WO/164/2020-21 Dated: 01.01.2021.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly	Cum	411.30	243.88	100307.84	411.30	243.88	100307.84	331.31	331.31	243.88	80799.88	0.00	0.00	0.00	80799.88	19507.96		
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	1683.45	111.30	187367.99	1683.45	111.30	187367.99	682.16	682.16	111.30	75924.41	0.00	0.00	0.00	75924.41	111443.58		
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	416.95	742.00	309376.90	416.95	742.00	309376.90	366.19	366.19	742.00	271712.98	0.00	0.00	0.00	271712.98	37663.92		
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in	Cum	1.80	5421.90	9759.42	1.80	5421.90	9759.42	31.00	2.25	5421.90	12199.28	28.75	5360.09	154102.59	166301.86		156542.44	
5	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of	Cum	5.67	5811.98	32953.93	5.67	5811.95	32953.76	0.00	0.00	5811.95	0.00	0.00	0.00	0.00	0.00	32953.76		
6	Providing **ruled pointing 20 mm deep** to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions	Sqm	21.60	150.52	3251.23	21.60	150.52	3251.23	0.00	0.00	150.52	0.00	0.00	0.00	0.00	0.00	3251.23		
7	Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved).	Sqm	9.00	5418.00	48762.00	9.00	5418.00	48762.00	0.00	0.00	5418.00	0.00	0.00	0.00	0.00	0.00	48762.00		
8	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part)	Sqm	320.00	979.44	313420.80	320.00	979.44	313420.80	620.00	400.00	979.44	391776.00	220.00	968.27	213019.40	604795.40		291374.60	

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
9	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete	Cum	41.20	5599.98	230719.18	41.20	5599.98	230719.18	46.33	46.33	5599.98	259447.07	0.00	1908.30	0.00	259447.07		28727.90	
10	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	360.00	966.72	348019.20	360.00	966.72	348019.20	0.00	0.00	966.72	0.00	0.00	28.30	0.00	0.00	348019.20		
11	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work	m	1000.00	61.48	61480.00	1000.00	61.48	61480.00	0.00	0.00	61.48	0.00	0.00	4985.03	0.00	0.00	61480.00		
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per	Sqm	1096.00	95.40	104558.40	1096.00	95.40	104558.40	822.15	822.15	95.40	78433.11	0.00	0.00	0.00	78433.11	26125.29		
13	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of	Cum	287.08	2001.28	574527.46	287.08	2001.28	574527.46	205.54	205.54	2001.28	411343.09	0.00	0.00	0.00	411343.09	163184.37		
14	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as	Sqm	1166.00	36.04	42022.64	1166.00	36.04	42022.64	822.15	822.15	36.04	29630.29	0.00	0.00	0.00	29630.29	12392.35		
15	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and	Cum	53.93	5551.22	299377.29	53.93	5551.22	299377.29	41.11	41.11	5551.22	228210.65	0.00	0.00	0.00	228210.65	71166.64		
16	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc	Sqm	2560.00	5.30	13568.00	2560.00	5.30	13568.00	2349.00	2349.00	5.30	12449.70	0.00	0.00	0.00	12449.70	1118.30		
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all	Sqm	2560.00	14.84	37990.40	2560.00	14.84	37990.40	2349.00	2349.00	14.84	34859.16	0.00	0.00	0.00	34859.16	3131.24		
18	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the	Cum	102.40	7911.84	810172.42	102.40	7512.50	769280.00	93.96	93.96	7512.50	705874.50	0.00	0.00	0.00	705874.50	63405.50		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms	Sqm	95.00	454.74	43200.30	95.00	454.74	43200.30	95.00	95.00	454.74	43200.30	0.00	0.00	0.00	43200.30	0.00		
	EIRL															**3002982.41**		**476644.94**	
E1	Providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Cum							227.70	227.70	2310.36	526068.97				**526068.97**		**526068.97**	
																3529051.38	**1003605.34**	1002713.91	
	Sub Total				3570835.40			3529942.81								**3529051.38**	**1003605.34**	**1002713.91**	
	GST @ 12%				428500.25			423593.14								423486.17	120432.64	120325.67	
	Miscelaneous and unforgen charges	LS			664.00														
	Total				**4000000.00**			**3953535.95**								**3952537.55**	**1124037.98**	**1123039.58**	

0.025 Below

SUMMARY:

1. **Estimated Cost : Rs. 40.00 Lakhs**
2. **Approved Cost : Rs. 35.29 Lakhs**
3. **Work Slip Amount Rs. 4,76,644.94 = 13.50 % of the Tender Amount**
4. **EIRL Amount Rs. 5,26,068.97 = 14.90 % of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 39.29 Lakhs which is 0.025% BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

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ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.